

Rohullah Hussaini

Full-Stack & Mobile Developer

Kabul, Afghanistan

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WhatsApp

Available for remote work worldwide

PROFESSIONAL SUMMARY

Software Engineering graduate from Kabul University, building modern web applications, mobile solutions, and reliable business management systems.

TECHNICAL SKILLS

Programming languages	PHP, TypeScript, JavaScript, Python, Dart, SQL
Frontend development	React, Next.js, HTML, CSS, Tailwind CSS, Inertia.js, Responsive web design
Mobile development	Flutter, Dart, Offline-first mobile applications
Backend & APIs	Laravel, FastAPI, RESTful APIs, Supabase, API integration
Databases	PostgreSQL, MySQL, SQLite, Supabase Database
Authentication & security	Supabase Authentication, Row Level Security, Role-Based Access Control, TOTP Multi-Factor Authentication, Google OAuth, Access control, Database security auditing
Architecture & engineering	Database schema design, Offline-first architecture, Data synchronization, Conflict resolution, Last-write-wins, Application localization, RTL interface support, Git, GitHub
Optimization & design tools	Google OR-Tools, CP-SAT constraint optimization, Adobe Photoshop, Adobe Illustrator, Adobe InDesign, Adobe Lightroom

EXPERIENCE

Independent Full-Stack & Mobile Developer

2024-Present | Kabul, Afghanistan | Freelance and self-directed software projects

- Develop mobile applications, full-stack web platforms, and business management systems.
- Design database-backed workflows, offline-first architectures, and data synchronization.
- Build and improve authentication, access control, API integrations, localization, and responsive user interfaces.
- Explore constraint-based scheduling and optimization through academic and independent projects.

SELECTED PROJECTS

TOBMA

In Development

Tailoring Orders & Business Management Application

A tailoring-focused business management application for organizing customers, measurements, clothing orders, financial information, and related operational workflows.

Technology: Flutter, Dart, SQLite, Supabase, PostgreSQL, Next.js, TypeScript

Case study: rohullahhussaini.site/projects/tobma

UniSched

Completed | Final-year project

AI Schedule | University Timetable Management System

A university timetable management system designed to generate conflict-free schedules across departments, rooms, instructors, and academic constraints.

Technology: Laravel, PHP, React, TypeScript, Inertia.js, Python, Google OR-Tools CP-SAT, Relational database

Final-year project at Kabul University; successfully defended. Uses Google OR-Tools CP-SAT constraint optimization, not a trained machine-learning model.

Case study: rohullahhussaini.site/projects/unisched

EDUCATION

Bachelor of Software Engineering

Kabul University | Graduated 2026

Graduated in 2026. Final-year project: UniSched, a university timetable management system using constraint optimization.

CERTIFICATION

Graphic Design Certificate

Kateb University | 2024

Adobe Photoshop, Adobe Illustrator, Adobe InDesign, Adobe Lightroom

LANGUAGES

Dari - Native | Pashto - Intermediate | English - Professional Working Proficiency